How SOA Fits into Cloud Computing

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57% of DoD I.T. Costs are in Infrastructure

OMB Budget Grouping	Number of Programs	FY2010 IT Spending - $ Billions
Communications and Computing Infrastructure	1,547	$16.3
Information Assurance Activities	353	$3.2
Functional Area Applications	3,244	$13.2
Related Technical Activities	156	$1.0
Total DoD IT Spending	5,300	$33.7

SOURCE: http://www.whitehouse.gov/omb/e-gov/

What Are the Primary Benefits of SOA?

- Discover Data from a Data Registry;
- Discover Applications Anywhere;
- Mediate the Extraction of Data from Data Bases;
- Execute Requests from Multiple Servers;
- Provide Credentials Validation to Everyone.

Potential Cloud Benefits in Capital and Operating Costs

Cloud Benefit Category	Best Estimated 5 yr Savings - $ Billions
Data Center Savings	$5.2
Business Continuity Savings	$8.7
Desktop Savings	$18.6
Total Cloud Savings	$32.5

SOURCE: https://roianalyst.alinean.com/ent_02/AutoLogin.do?d=593411470991915416

Summary

- DoD will depend on cost reductions to fund IT growth.
- SOA necessary for lower-cost migration to the cloud.
- Cloud computing reduces costs and increases security.

References:

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Further Reference: www.strassmann.com